



## SEQUENCE LISTING

&lt;110&gt; Takeda Chemical Industries, Ltd.

&lt;120&gt; Screening Method Using CD100

&lt;130&gt; 46342/56,721

&lt;140&gt; 10/009,330

&lt;141&gt; 2001-12-03

&lt;150&gt; JP 11-157111

&lt;151&gt; 1999-06-03

&lt;160&gt; 10

&lt;210&gt; 1

&lt;211&gt; 861

&lt;212&gt; PRT

&lt;213&gt; Mouse

&lt;400&gt; 1

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Glu	His	Gly	Glu	Val	Gly	Leu	Val	Gln	Phe	His	Lys	Pro	Gly	Ile	Phe
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Gly	Ala	Arg	Glu	Ala	Val	Phe	Ala	Val	Asn	Ala	Leu	Asn	Ile	Ser	Glu
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Phe	Leu	Gly	Lys	Ser	Glu	Asp	Gly	Lys	Gly	Arg	Cys	Pro	Phe	Asp	Pro
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Ala	His	Ser	Tyr	Thr	Ser	Val	Met	Val	Gly	Gly	Glu	Leu	Tyr	Ser	Gly
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Asn Tyr Ser Ala Leu Leu Ser Glu Asp Lys Asp Thr Leu Tyr Ile  
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Gly Ala Arg Glu Ala Val Phe Ala Val Asn Ala Leu Asn Ile Ser Glu  
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Lys Gln His Glu Val Tyr Trp Lys Val Ser Glu Asp Lys Lys Ala Lys  
85 90 95  
Cys Ala Glu Lys Gly Lys Ser Lys Gln Thr Glu Cys Leu Asn Tyr Ile  
100 105 110  
Arg Val Leu Gln Pro Leu Ser Ala Thr Ser Leu Tyr Val Cys Gly Thr  
115 120 125  
Asn Ala Phe Gln Pro Ala Cys Asp His Leu Asn Leu Thr Ser Phe Lys  
130 135 140  
Phe Leu Gly Lys Asn Glu Asp Gly Lys Gly Arg Cys Pro Phe Asp Pro  
145 150 155 160  
Ala His Ser Tyr Thr Ser Val Met Val Asp Gly Glu Leu Tyr Ser Gly  
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Thr Ser Tyr Asn Phe Leu Gly Ser Glu Pro Ile Ile Ser Arg Asn Ser  
 180 185 190  
 Ser His Ser Pro Leu Arg Thr Glu Tyr Ala Ile Pro Trp Leu Asn Glu  
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 Pro Ser Phe Val Phe Ala Asp Val Ile Arg Lys Ser Pro Asp Ser Pro  
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 Asp Gly Glu Asp Asp Arg Val Tyr Phe Phe Thr Glu Val Ser Val  
 225 230 235 240  
 Glu Tyr Glu Phe Val Phe Arg Val Leu Ile Pro Arg Ile Ala Arg Val  
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 Cys Lys Gly Asp Gln Gly Gly Leu Arg Thr Leu Gln Lys Lys Trp Thr  
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 Thr Lys Trp Val Arg Tyr Asn Gly Pro Val Pro Lys Pro Arg Pro Gly  
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 Gly Thr Val Tyr Asp Val Met Phe Val Ser Thr Asp Arg Gly Ala Leu  
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Gly Thr Ser Cys Glu Pro Lys Ile Val Ile Asn Thr Val Pro Gln Leu  
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Arg Glu Gln Ser Leu Lys Glu Thr Leu Val Glu Pro Gly Ser Phe Ser  
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tg 3600  
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gg 3660  
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aa 3900  
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gg 3960  
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<212> PRT  
<213> Mouse

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Glu Asp Gly Glu Leu Thr Tyr Glu Asn Val Gln Val Ser Pro Val Pro  
35 40 45  
Gly Gly Pro Pro Gly Leu Ala Ser Pro Ala Leu Ala Asp Lys Ala Gly  
50 55 60  
Val Gly Ser Glu Gln Pro Thr Ala Thr Trp Ser Ser Val Asn Ser Ser  
65 70 75 80  
Ala Leu Arg Gln Ile Pro Arg Cys Pro Thr Val Cys Leu Gln Tyr Phe  
85 90 95  
Leu Leu Gly Leu Leu Val Ser Cys Leu Met Leu Gly Val Ala Val Ile  
100 105 110  
Cys Leu Gly Val Arg Tyr Leu Gln Val Ser Arg Gln Phe Gln Glu Gly  
115 120 125  
Thr Arg Ile Trp Glu Ala Thr Asn Ser Ser Leu Gln Gln Gln Leu Arg  
130 135 140  
Glu Lys Ile Ser Gln Leu Gly Gln Lys Glu Val Glu Leu Gln Lys Ala  
145 150 155 160

Arg Lys Glu Leu Ile Ser Ser Gln Asp Thr Leu Gln Glu Lys Gln Arg  
165 170 175  
Thr His Glu Asp Ala Glu Gln Gln Leu Gln Ala Cys Gln Ala Glu Arg  
180 185 190  
Ala Lys Thr Lys Glu Asn Leu Lys Thr Glu Glu Glu Arg Arg Arg Asp  
195 200 205  
Leu Asp Gln Arg Leu Thr Ser Thr Arg Glu Thr Leu Arg Arg Phe Phe  
210 215 220  
Ser Asp Ser Ser Asp Thr Cys Cys Pro Cys Gly Trp Ile Pro Tyr Gln  
225 230 235 240  
Glu Arg Cys Phe Tyr Ile Ser His Thr Leu Gly Ser Leu Glu Glu Ser  
245 250 255  
Gln Lys Tyr Cys Thr Ser Leu Ser Ser Lys Leu Ala Ala Phe Asp Glu  
260 265 270  
Pro Ser Lys Tyr Tyr Tyr Glu Tyr Leu Ser Asp Ala Pro Gln Val Ser  
275 280 285  
Leu Pro Ser Gly Leu Glu Glu Leu Leu Asp Arg Ser Lys Ser Tyr Trp  
290 295 300  
Ile Gln Met Ser Lys Lys Trp Arg Gln Asp Ser Asp Ser Gln Ser Arg  
305 310 315 320  
His Cys Val Arg Ile Lys Thr Tyr Tyr Gln Lys Trp Glu Arg Thr Ile  
325 330 335  
Ser Lys Cys Ala Glu Leu His Pro Cys Ile Cys Glu Ser Glu Ala Phe  
340 345 350  
Arg Phe Pro Asp Gly Ile Asn Leu Asn  
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<212> DNA  
<213> Mouse

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tg 120  
aggcctatga agatggggaa ctcacacctacg agaatgtgca agtgtctcca gtcccagg  
ag 180  
ggccaccagg cttggcttcc cctgcactag cggacaaagc aggggtcggg tcagagca  
ac 240  
caactgcgac ctggagctct gtgaactcgt ctgctctcag gcagattccc cgctgtcc  
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gg 360  
ctgtcatctg cctggaggtt cgctatctgc aggtgtctcg gcagttccag gaggggac  
ca 420  
ggatttggga agccaccaat agcagcctgc agcagcagct cagggagaag ataagtca  
gc 480  
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ca 540  
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gg 600  
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ca 720  
cctgctgtcc atgcggatgg attccatatac aggaaaggtg ctttacatc tcacatac  
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cc 1200  
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Asp Asp Gly Glu Ile Thr Tyr Glu Asn Val Gln Val Pro Ala Val Leu  
35 40 45  
Gly Val Pro Ser Ser Leu Ala Ser Ser Val Leu Gly Asp Lys Ala Ala  
50 55 60  
Val Lys Ser Glu Gln Pro Thr Ala Ser Trp Arg Ala Val Thr Ser Pro  
65 70 75 80  
Ala Val Gly Arg Ile Leu Pro Cys Arg Thr Thr Cys Leu Arg Tyr Leu  
85 90 95  
Leu Leu Gly Leu Leu Leu Thr Cys Leu Leu Leu Gly Val Thr Ala Ile  
100 105 110  
Cys Leu Gly Val Arg Tyr Leu Gln Val Ser Gln Gln Leu Gln Gln Thr  
115 120 125  
Asn Arg Val Leu Glu Val Thr Asn Ser Ser Leu Arg Gln Gln Leu Arg  
130 135 140

Leu Lys Ile Thr Gln Leu Gly Gln Ser Ala Glu Asp Leu Gln Gly Ser  
145 150 155 160  
Arg Arg Glu Leu Ala Gln Ser Gln Glu Ala Leu Gln Val Glu Gln Arg  
165 170 175  
Ala His Gln Ala Ala Glu Gly Gln Leu Gln Ala Cys Gln Ala Asp Arg  
180 185 190  
Gln Lys Thr Lys Glu Thr Leu Gln Ser Glu Glu Gln Gln Arg Arg Ala  
195 200 205  
Leu Glu Gln Lys Leu Ser Asn Met Glu Asn Arg Leu Lys Pro Phe Phe  
210 215 220  
Thr Cys Gly Ser Ala Asp Thr Cys Cys Pro Ser Gly Trp Ile Met His  
225 230 235 240  
Gln Lys Ser Cys Phe Tyr Ile Ser Leu Thr Ser Lys Asn Trp Gln Glu  
245 250 255  
Ser Gln Lys Gln Cys Glu Thr Leu Ser Ser Lys Leu Ala Thr Phe Ser  
260 265 270  
Glu Ile Tyr Pro Gln Ser His Ser Tyr Tyr Phe Leu Asn Ser Leu Leu  
275 280 285  
Pro Asn Gly Gly Ser Gly Asn Ser Tyr Trp Thr Gly Leu Ser Ser Asn  
290 295 300  
Lys Asp Trp Lys Leu Thr Asp Asp Thr Gln Arg Thr Arg Thr Tyr Ala  
305 310 315 320  
Gln Ser Ser Lys Cys Asn Lys Val His Lys Thr Trp Ser Trp Trp Thr  
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<212> DNA  
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gg 180  
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tg 240  
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cg 300  
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gg 360  
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gc 420  
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ag 480  
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gc 540  
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tc 780  
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gc 840  
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ta 960  
aattcactgt tgccaaatgg tggtcaggg aattcatatt ggactggct cagctcta  
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aa 1080  
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tg 1200  
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ga 1440  
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<400> 9  
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53